

49224	BP 15683	\$246.00
Tracking No.	Permit No.	Fee Received

Expedited Building Permitfor residential development in Tomhegan Twp. within
the Brassua Lake Concept Plan**1. APPLICANT INFORMATION**

Applicant Name(s) JONATHAN BUSKO/PAULINE JOHNSON	Daytime Phone 2073337327	FAX (if applicable)
Mailing Address 152 WEBSTER AVE	Email (if applicable) JMBUSKO@YAHOO.COM	
Town BARBOR	State ME	Zip Code 04401

2. PROJECT LOCATION AND PROPERTY DETAILS – TOMHEGAN TWP

Tax Plan and Lot Numbers (check tax bill) PLAN 12, Lot 26	Book/Page Numbers (check deed) BOOK 4269, PAGE 241
Lot size (in acres, or in square feet if less than 1 acre) 3.36	Lot coverage (in square feet) 14280 sq ft
Please check one of the following located on Brassua Lake:	
<input checked="" type="checkbox"/> Area A: 52 shorefront residential lots (Poplar Hill)	<input type="checkbox"/> Area F: 1 shorefront residential lot on the Brassua Lake's western shore
<input type="checkbox"/> Area E: 1 shorefront residential lot (eastern shore)	<input type="checkbox"/> Area G: 4 shorefront residential lots on Brassua Lake's eastern shore

3. EXISTING STRUCTURES

Are there any structures on your property? If YES, fill in a line on the table for each existing structure. ☐ YES ☒ NO

Type of structure (dwelling, garage, deck, porch, shed, driveway, etc.)	Year built	Exterior dimensions (LxWxH)	Type of foundation (full basement, slab, post, etc.)	Distance (in feet) of structure from nearest:				
				Road	Property line	Brassua Lake	Wetland	

4. PROPOSED ACTIVITIES

☐ Transfer of ownership. Provide the name of the previous owner or lessee of your property: _____

☒ Installation of a new sewage disposal system, or expansion of an existing sewage disposal system.

☒ New construction, reconstruction of existing structures, or changes to previously permitted structures. Fill in a line on the table below for each structure:

Type of structure (dwelling, garage, deck, porch, shed, driveway, etc.)	Proposal (check all that apply)								Exterior dimensions (LxWxH)	Distance (in feet) of structure from nearest:			
	New structure	Reconstruct	Expand	Relocate	Enclose deck/porch	Permanent foundation	Permanent setbacks	Change dimensions or Other *		Road	Property line	Brassua Lake	Wetland
DWELLING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	24' x 20' x 24'	619	100	155	N/A
DECK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5' x 20' x 24'	643	100	150	N/A
DECK	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20' x 20' x 4'	619	180'	140	N/A
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

* Other. If you selected "Other" from the table above, describe in detail what you are proposing:

BP 15683

5. VEGETATION CLEARING, FILLING AND GRADING, SOIL DISTURBANCE (If applicable, fill in this table)

	Proposed New Area (in sq. ft.) of cleared/filled/disturbed soil:	Distance (in feet) between edge of cleared/filled area and the nearest:			
		Road	Property line	Brassua Lake	Wetland
Cleared area	15000	439'	95'	200'	N/A
Filled/disturbed area	15000	200'	7.5'	100'	N/A
What is the average slope of land between the area to be filled/disturbed and Brassua Lake or the wetland? .. 5-10 % <input type="checkbox"/> NA					

6. APPLICANT SIGNATURE (REQUIRED) AND AGENT AUTHORIZATION (OPTIONAL)

Agent Name	Daytime Phone	FAX (If applicable)
Mailing Address		Email (If applicable)
Town	State	Zip Code

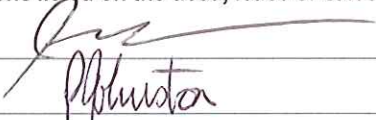
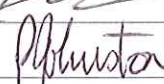
I have personally examined and am familiar with the information submitted in this application, including the accompanying exhibits and supplements, and to the best of my knowledge and belief, this application is complete with all necessary exhibits. I understand that if the application is incomplete or without any required exhibits that it will result in delays in processing my permit decision. The information in this application is a true and adequate narrative and depiction of what currently exists on and what is proposed at the property. I certify that I will give a copy of this permit and associated conditions to any contractors working on my project. I understand that I am ultimately responsible for complying with all applicable regulations and with all conditions and limitations of any permits issued to me by the Commission. If there is an Agent listed above, I hereby authorize that individual or business to act as my legal agent in all matters relating to this permit application. I understand that while there is a required Statewide Maine Uniform Building and Energy Code (MUBEC) administered by the Maine Department of Public Safety, Bureau of Building Codes & Standards, the LUPC's review is limited only to land use issues and the Commission does not make any findings related to the MUBEC nor do Commission staff inspect buildings or enforce any provisions of that Code.

Please check **one** of the boxes below: (see "Accessing the Project Site for Site Evaluation and Inspection" just prior to the application form)

☒ I authorize staff of the Land Use Planning Commission to access the project site as necessary at any reasonable hour for the purpose of evaluating the site to verify the application materials I have submitted, and for the purpose of inspecting for compliance with statutory and regulatory requirements, and the terms and conditions of my permit.

☐ I request that staff of the Land Use Planning Commission make reasonable efforts to contact me in advance to obtain my permission to fully access the project site for purposes of any necessary site evaluation and compliance inspection.

All appropriate persons listed on the deed, lease or sales contract must sign below.

Signature(s)  Date 9/22/16
 Date 9/22/16

See Conditions of Approval and LUPC Authorization

THIS FORM IS NOT A VALID PERMIT UNTIL IT IS SIGNED BY AN AUTHORIZED LUPC REPRESENTATIVE.

NO CONSTRUCTION ACTIVITIES MAY BEGIN PRIOR TO YOUR RECEIPT OF A PERMIT.

THE COMMISSION MAY REQUIRE ADDITIONAL INFORMATION NOT ENCOMPASSED IN THIS APPLICATION.

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CONDITIONS OF APPROVAL (for Building Permits within the Brassua Lake Concept Plan)**LUPC - GREENVILLE**

1. The Development Restrictions of the Brassua Lake Concept Plan (ver. 10/2004), a copy of which is attached.
2. At least one week prior to commencing the permitted activities, the permittee or the designated agent must contact the Commission staff and notify them of the estimated date construction work will start. Notice may be provided in writing, in person, by email, or by calling. If you leave or send a message, please include your full name, telephone number, permit number, and the date the work will start.
3. Construction activities authorized in this permit must be substantially started within 2 years and substantially completed within 5 years of the effective date of this permit. If such construction activities are not started and completed within this time limitation, this permit shall lapse and no activities shall then occur unless and until a new permit has been granted by the Commission.
4. Structures authorized under this permit, as well as filled and graded areas and cleared openings created as part of construction activities authorized under this permit, must be located at least 100 feet from the normal high water mark of Brassua Lake, 50 feet from the access road, and 15 feet from all property boundary lines. In addition, structures authorized under this permit must be sited within the building envelope, as identified on the registered plat associated with the Subdivision Permit authorizing the creation of this parcel.
5. Structures authorized under this permit must be no higher than the screening vegetation or 25 feet, whichever is greater, except that structures located greater than 500 feet from Brassua Lake must be no higher than 40 feet.
6. Cleared openings created as part of construction activities authorized under this permit must be effectively stabilized and revegetated.
7. All imported fill material must be free of hazardous or toxic materials and must not contain debris, trash, or rubbish.
8. Upon completion of the authorized structures within the terms of this permit, any existing structures to be removed from the lot and other construction debris must be disposed of in a proper manner, in compliance with applicable state and federal solid waste laws and rules.
9. Soil disturbance must not occur when the ground is frozen or saturated.
10. Topsoil must not be removed from the site except for that necessary for construction activities authorized in this permit. Topsoil must be stockpiled at least 100 feet from any water body.
11. Temporary and permanent sedimentation control measures must be implemented to effectively stabilize all areas of disturbed soil and to catch sediment from runoff water before it leaves the construction site so that sediment does not enter water bodies, drainage systems, water crossings, wetlands or adjacent properties. Once in place, such measures shall be maintained to ensure proper functioning. Effective, temporary stabilization of all disturbed and stockpiled soil must be completed at the end of each work day.
12. All temporary sedimentation and erosion control devices must be removed after construction activity has ceased and a cover of healthy vegetation has established itself or other appropriate permanent control measures have been effectively implemented. Permanent soil stabilization shall be completed within one week of inactivity or completion of construction.
13. Exterior lighting on the lakeside of any authorized structures must be limited to 100 watts in aggregate, screened from lake view and directed towards the ground and/or the structure.
14. The scenic character and healthful condition of the area covered under this permit must be maintained. The area must be kept free of litter, trash, junk cars and other vehicles, and any other materials that may constitute a hazardous or nuisance condition.
15. If the permittee holds interest in this parcel of land via a sales contract or other binding agreement, the permittee shall submit a copy of the deed transferring title of this parcel to the Commission upon final execution of such deed.
16. Once construction is complete, the permittee shall submit a self-certification form, notifying the Commission that all conditions of approval of this permit have been met. The permittee shall submit all information requested by the Commission demonstrating compliance with the terms of this permit.
17. All conditions of previously issued Commission permits shall remain in effect, except as specifically modified by this permit. In addition, all conditions of the Subdivision Permit authorizing the creation of the permittee's parcel as they pertain to said parcel shall remain in effect.

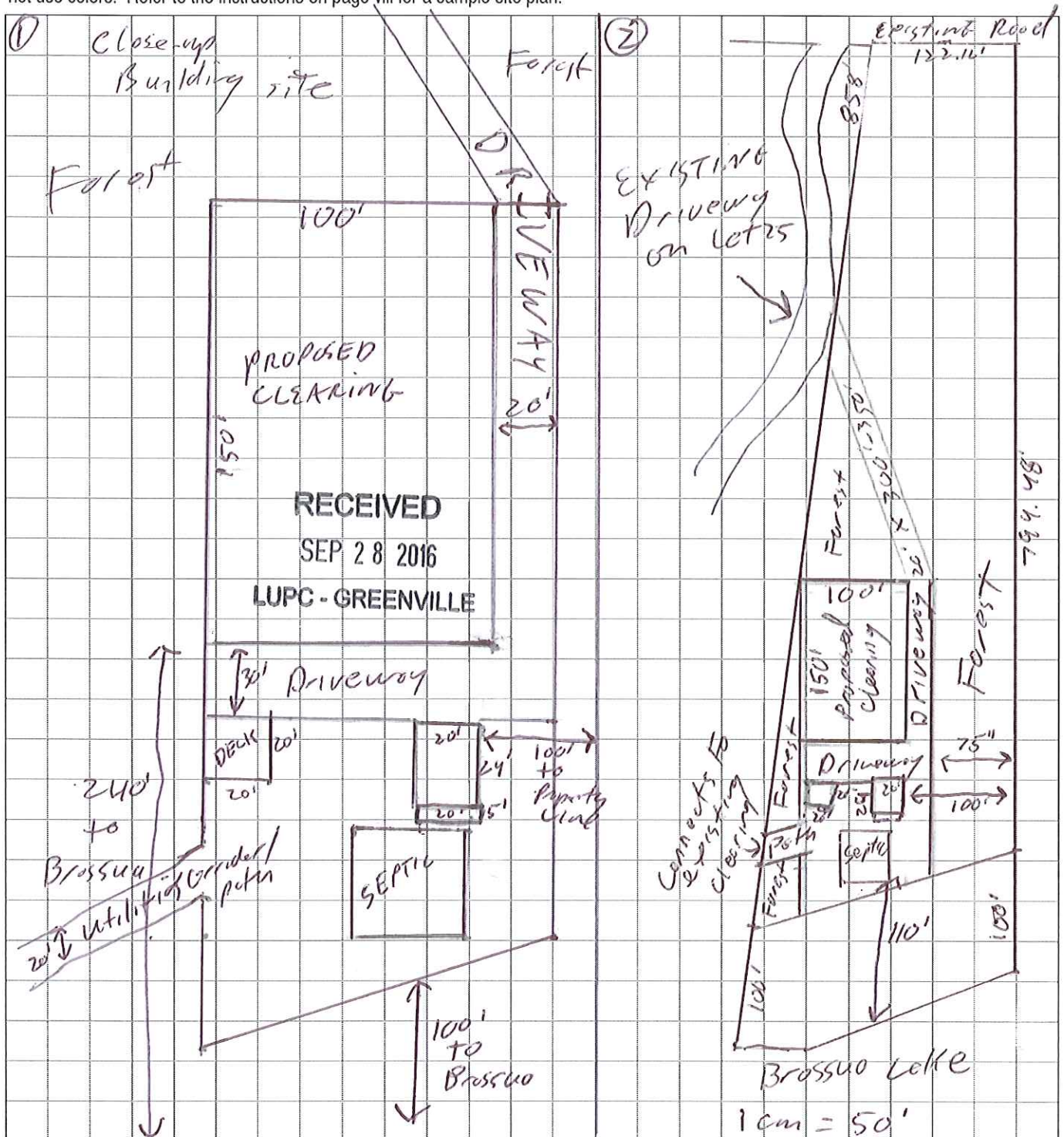
LUPC AUTHORIZATION (for office use)

This permit is approved only upon the above stated conditions and remains valid only if the permittee complies with all of these conditions. Based on the information you have submitted in the attached application and supporting documents, the staff of the Land Use Planning Commission concludes that, if carried out in compliance with the conditions of approval above, your proposal will meet the criteria for approval, 12 M.R.S.A. §685-B(4) of the Commission's statutes, the provisions of the Commission's *Land Use Districts and Standards* (Chapter 10; ver. August 10, 2011), and the Brassua Lake Concept Plan (ver. 10/2004). Any variation from the application or the conditions of approval is subject to prior Commission review and approval. Any variation undertaken without Commission approval constitutes a violation of Land Use Planning Commission law. In addition, any person aggrieved by this decision of the staff may, within 30 days, request that the Commission review the decision.


Robert J. Falls
LUPC Authorized Signature9/28/16
Effective Date

EXHIBIT D-1: EXISTING SITE PLAN

Prepare a bird's-eye view site plan that shows your entire property and includes all the elements described for **Exhibit D** in the instructions on page ii, and demonstrates that all development is within the building envelopes approved as part of the applicable subdivision permit. Do not use colors. Refer to the instructions on page viii for a sample site plan.



Notes/Legend:

Notes/Legend:
 (D) = close up of construction and 1 cm = 20'

(E) = Whole lot $1 \text{ cm} = 50 \text{ ft}$

DEVELOPMENT RESTRICTIONS FOR RESIDENTIAL AREAS WITHIN THE BRASSUA LAKE CONCEPT PLAN

ver. 10/2004

The following development restrictions are included as conditions of permit approval for any residential development authorized by LURC within the Brassua Lake Concept Plan. All references to the Commission's Rules and Standards herein shall mean those rules and standards in effect as of the date of approval of the Concept Plan, copies of which are included in the Brassua Lake Concept Plan as Appendices 2 - 15.

RESTRICTIONS FOR ALL DEVELOPMENT AREAS (AREAS A – G)

1. No building or other construction may be undertaken on any lot without first obtaining an approved permit from the Maine Land Use Regulation Commission.
2. All structures and uses must meet the land use standards outlined in Appendices 2-15 of the Brassua Lake Concept Plan, including the dimensional and setback requirements outlined in Appendix 9 and the clearing of vegetation requirements outlined in Appendix 3.
3. All work that disturbs the natural soil conditions shall use current erosion control measures in accordance with LURC's Guidelines for Vegetative Stabilization (Appendix 15) and Maine's Erosion and Sediment Control Handbook for Construction: Best Management Practices (Department of Environmental Protection, March 1991).
4. Building height within 500 feet of Brassua Lake or Baker Pond shall be no higher than the screening vegetation or 25 feet, whichever is greater. Notwithstanding the dimensional requirements of Appendix 9, building height greater than 500 feet from Brassua Lake or Baker Pond shall be no higher than 40 feet.
5. Exterior lighting on the lakeside of the structure shall be limited to 100 watts in aggregate, screened from lake view and directed towards the ground and/or the structure.
6. Buried utilities are allowed on the lot to provide service. Overhead utilities are allowed between structures on the lot.
7. Subsurface wastewater disposal systems are permitted, pursuant to approved septic design and soil suitability in accordance with the State of Maine Plumbing Code. If an outhouse (privy) is utilized, it must be located behind the camp, at least 100 feet away from the normal high water mark of the shoreline, and screened from view from the shoreline.
8. Wells are permitted, in accordance with the State of Maine Plumbing Code. However, Brassua Lake water shall only be procured by hand carry or by hand pump.
9. If generators are used, some form of noise protection must be employed, including but not limited, to enclosure of the generator in a shed. All generators must be equipped with spark arrestor units. The noise levels produced by generator use shall be no more than 60 dba (decibels) measured 50 feet away from the source.
10. The property lines shall be kept free and open. No fences, hedges, or walls shall be allowed thereon.

ADDITIONAL RESTRICTIONS FOR AREA A

1. Lots within Area A may only be used for single-family residential dwellings. Only one residential dwelling is allowed per lot. No commercial use will be allowed on the lot, except that rental of lot and structures thereon may be allowed. The lots cannot be further subdivided.
2. The total building footprint for the principal structure on each lot is limited to no more than 2,000 square feet.
3. Two (2) accessory structures are allowed per lot. Accessory structures are limited to a maximum of 800 square feet of footprint in aggregate.
4. Area A shall have 3000 feet of shorefront encompassing approximately 40 acres in "Common Open Green Space". The "Common Open Green Spaces" are to remain in a natural undeveloped state in perpetuity; docks (permanent or temporary), structures, and lighting are prohibited.
5. No trailered ramps are to be constructed on individual lots within Area A.

6. Each lot owner within Area A shall belong to the Poplar Hill Lot Owners Association. The purpose of the Poplar Hill Lot Owners Association is to govern the uses specified in the lot owners' association rules and bylaws that include the ability to enforce any and all covenants, to fix assessments or common charges for maintenance and normal repair of the loop, spur and access road, to maintain and pay taxes of the "common open green areas", and to pay for the removal of refuse from the transfer site at Area B.
7. Permanent docks are prohibited. One temporary (seasonal) dock, limited to 16 feet in length, is allowed on each lot. Dock lighting usage shall be limited to loading and unloading boats, and shall not be in continuous nightly use.
8. Driveways shall be constructed, when site conditions allow, so that two adjacent lots share a common entry (egress) point from (to) the access road.
9. Signs permitted on the lot include one "for sale" sign and signs identifying residential dwellings. Notwithstanding the sign standards of Appendix 12, no sign shall exceed 12" x 24" (2 sq. ft.) in size.

ADDITIONAL RESTRICTIONS FOR AREA E

1. Area E may only be used for a single-family residential dwelling. Only one residential dwelling is allowed. No commercial use will be allowed on the lot, except that rental of lot and structures thereon may be allowed. The lot cannot be further subdivided.
2. The total building footprint for the principal structure on the lot is limited to no more than 2,000 square feet.
3. Two (2) accessory structures are allowed on the lot. Accessory structures are limited to a maximum of 800 square feet of footprint in aggregate.
4. Permanent docks are prohibited. One temporary (seasonal) dock, limited to 16 feet in length, is allowed on each lot. Dock lighting usage shall be limited to loading and unloading boats, and shall not be in continuous nightly use.
5. Signs permitted on the lot include one "for sale" sign and signs identifying residential dwellings. Notwithstanding the sign standards of Appendix 12, no sign shall exceed 12" x 24" (2 sq. ft.) in size.

ADDITIONAL RESTRICTIONS FOR AREA F

1. The lot may only be used for single-family residential dwellings. Two residential dwellings are allowed. No commercial use will be allowed on the lot, except that rental of lot and structures thereon may be allowed. The lot cannot be further subdivided.
2. The total building footprint for each principal structure is limited to no more than 2,000 square feet.
3. Two (2) accessory structures are allowed per dwelling. Accessory structures are limited to a maximum of 800 square feet of footprint in aggregate for each dwelling.
4. Permanent docks are prohibited. One temporary (seasonal) dock, limited to 16 feet in length, is allowed for each dwelling. Dock lighting usage shall be limited to loading and unloading boats, and shall not be in continuous nightly use.
5. Driveways shall be constructed, when site conditions allow, so that two adjacent lots share a common entry (egress) point from (to) the access road.
6. Signs permitted on the lot include one "for sale" sign and signs identifying residential dwellings. Notwithstanding the sign standards of Appendix 12, no sign shall exceed 12" x 24" (2 sq. ft.) in size.

ADDITIONAL RESTRICTIONS FOR AREA G

1. The lot can be subdivided into five parcels. Four parcels may only be used for single-family residential dwellings. The remaining lot is to be retained by the applicant. No commercial use will be allowed on the lot, except that rental of lot and structures thereon may be allowed. The four parcels cannot be further subdivided.
2. The total building footprint for the principal structure on each lot is limited to no more than 2,000 square feet.
3. Two (2) accessory structures are allowed per lot. Accessory structures are limited to a maximum of 800 square feet of footprint in aggregate.
4. Permanent docks are prohibited. One temporary (seasonal) dock, limited to 16 feet in length, is allowed on each lot. Dock lighting usage shall be limited to loading and unloading boats, and shall not be in continuous nightly use.
5. Driveways shall be constructed, when site conditions allow, so that two adjacent lots share a common entry (egress) point from (to) the access road.
6. Signs permitted on the lot include one "for sale" sign and signs identifying residential dwellings. Notwithstanding the sign standards of Appendix 12, no sign shall exceed 12" x 24" (2 sq. ft.) in size.



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MAINE LAND USE REGULATION COMMISSION
22 STATE HOUSE STATION
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**VEGETATION CLEARING STANDARDS
FOR AREAS WITHIN THE BRASSUA LAKE CONCEPT PLAN**

The following shall apply to vegetation clearing for any purpose other than road construction, road reconstruction and maintenance, wildlife or fishery management, forest management, agricultural management, public trailered ramps or hand-carry launches:

- a. A vegetative buffer strip shall be retained within:
 - (1) 50 feet of the right-of-way or similar boundary of any public roadway,
 - (2) 75 feet of the normal high water mark of any standing body of water less than 10 acres in size, or any tidal water or flowing waters draining less than 50 square miles, and
 - (3) 100 feet of the normal high water mark of a standing body of water 10 acres or greater in size or flowing water draining 50 square miles or more.
- b. Within this buffer strip, vegetation shall be maintained as follows:
 - (1) There shall be no cleared opening greater than 250 square feet in the forest canopy as measured from the outer limits of the tree crown. However, a footpath is permitted, provided it does not exceed six (6) feet in width as measured between tree trunks, and, has at least one bend in its path to divert channelized runoff.
 - (2) Selective cutting of trees within the buffer strip is permitted provided that a well-distributed stand of trees and other vegetation is maintained.

For the purposes of this section a "well-distributed stand of trees and other vegetation" adjacent to a body of standing water 10 acres or greater in size shall be defined as maintaining a rating score of 12 or more in a 25-foot by 25-foot square (625 square feet) area as determined by the following rating system.

Near other water bodies, tributary streams and public roadways a "well-distributed stand of trees and other vegetation" shall be defined as maintaining a rating score of 8 or more per 25-foot square (625 square feet) area as determined by the following rating system.

Diameter of Tree at 4 ½ Feet Above Ground Level (inches)	Points
2 - 4 in.	1
> 4 - 12 in.	2
> 12 in.	4

NOTE: As an example, if a 25-foot x 25-foot plot contains three (3) trees between 2 and 4 inches in diameter, three trees between 4 and 12 inches in diameter, and three trees over 12 inches in diameter, the rating score is:

$$(3 \times 1) + (3 \times 2) + (3 \times 4) = 21 \text{ points}$$

Thus, the 25-foot by 25-foot plot contains trees worth 21 points. Trees totaling 9 points (21 - 12 = 9) may be removed from the plot provided that no cleared openings are created and all other requirements of this rule and other laws are followed.

[over]

The following shall govern in applying this rating system:

- (a) The 25-foot x 25-foot plots shall be established where the landowner or lessee proposes clearing within the required buffer;
 - (b) Each successive plot shall be adjacent to but not overlap a previous plot;
 - (c) Any plot not containing the required points shall have no vegetation removed except as otherwise allowed by these rules;
 - (d) Any plot containing the required points may have vegetation removed down to the minimum points required or as otherwise allowed by these rules.
- (3) In addition to subsection (2) above, no more than 40% of the total volume of trees four (4) inches or more in diameter, measured at 4 ½ feet above ground level, may be removed in any ten (10) year period.
- (4) In order to protect water quality and wildlife habitat, existing vegetation under three (3) feet in height and other ground cover shall not be removed and the soil shall not be disturbed, except to provide for a footpath or other permitted use.
- (5) Pruning of tree branches is prohibited, except on the bottom 1/3 of the tree provided that tree vitality will not be adversely affected.
- (6) In order to maintain a buffer strip of vegetation, when the removal of storm-damaged, diseased, unsafe, or dead trees results in the creation of cleared openings in excess of 250 sq. ft., these openings shall be established with native tree species.
- c. At distances greater than one hundred (100) feet, horizontal distance, from the normal high water mark of a standing body of water greater than 10 acres, no more than 40% of the total volume of trees four inches or more in diameter, measured at 4 1/2 feet above ground level, may be removed in any ten (10) year period. In no instance shall cleared openings exceed, in the aggregate, 10,000 square feet, including land previously cleared. These provisions apply to areas within 250 feet of all standing bodies of water greater than ten (10) acres, and to the full depth of the P-AL zone. This requirement does not apply to the development of uses allowed by permit.
- d. Cleared openings legally in existence as of June 7, 1990 may be maintained, but shall not be enlarged except as permitted by these regulations.

In all subdistricts where natural vegetation is removed within the required vegetative buffer strip of a flowing or standing body of water, tidal water, or public roadway, it shall be replaced by other vegetation (except where the area cleared is built upon) that is effective in preventing erosion and retaining natural beauty.



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**FILLING AND GRADING STANDARDS
FOR AREAS WITHIN THE BRASSUA LAKE CONCEPT PLAN**

The following requirements for filling and grading shall apply in all subdistricts except as otherwise provided herein. The purpose of this section is to allow minor filling and/or grading of land without a permit, provided the performance standards set forth below are met. If the standards are not met, a permit is required.

These standards do not apply to filling or grading activities which constitute forest or agricultural management activities, the construction, reconstruction and maintenance of roads, or the construction of public trailered ramps, hand-carry launches, or driveways. Such activities are separately regulated.

- a. Within 250 feet of water bodies and wetlands, the maximum size of a filled or graded area, on any single lot or parcel, shall be 5,000 square feet. This shall include all areas of mineral soil disturbed by the filling or grading activity; and
- b. Beyond 250 feet from water bodies, the maximum size of filled or graded areas, as described above, shall be 20,000 square feet, except that there shall be no limit to the size of filled or graded areas in M-GN General Management Subdistricts which are greater than 250 feet from water bodies and wetlands. In such General Management Subdistrict areas, the provisions of subsections d and f of this section shall apply; and
- c. Clearing of areas to be filled or graded is subject to the Clearing Standards of Section 10.17, A, 2; and
- d. Imported fill material to be placed within 250 feet of water bodies shall not contain debris, trash, rubbish or hazardous or toxic materials. All fill, regardless of where placed, shall be free of hazardous or toxic materials; and
- e. Where filled or graded areas are in the vicinity of water bodies or wetlands such filled or graded areas shall not extend closer to the normal high water mark of flowing, standing, tidal bodies of water, or upland edge of wetlands identified as P-WL1 Subdistrict than the distance indicated in the following table:

Average Slope of Land Between Exposed Mineral Soil and Normal High Water Mark or Upland Edge (Percent)	Width of Strip Between Exposed Mineral Soil and Normal High Water Mark or Upland Edge (Feet Along Surface of the Ground)
10 or less	100
20	130
30	170
40	210
50	250
60	290
70	330

- f. All filled or graded areas shall be promptly stabilized to prevent erosion and sedimentation.

Filled or graded areas, including all areas of disturbed soil, within 250 feet of water bodies and wetlands, shall be stabilized according to the Guidelines for Vegetative Stabilization contained in Appendix B of this chapter.



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**GUIDELINES FOR VEGETATIVE STABILIZATION
FOR AREAS WITHIN THE BRASSUA LAKE CONCEPT PLAN**

Areas of disturbed soil, including but not limited to areas that are filled, graded or otherwise disturbed during construction projects, should be stabilized according to the following guidelines. These guidelines do not apply to forest management activities and are not strict regulations, and therefore alternative methods of stabilizing soil may be used. However, whenever soil stabilization or stabilization of disturbed areas is required by regulation or by the terms of individual permits, individuals must assure that either these guidelines, or measures equally effective in stabilizing disturbed areas of soil are employed.

The goals to be achieved by proper stabilization are the avoidance of accelerated soil erosion and the avoidance of sedimentation or pollution of water bodies. All stabilization measures must be maintained so that grass or other vegetation remains intact and healthy, otherwise these measures will be ineffective.

In General:

1. Sterile soils such as sands and gravels should be covered with 2 to 4 inches of soil medium that will support vegetative growth.
2. Disturbed soil areas should be graded such that runoff water is either minimized or eliminated from running over the site.
3. Disturbed areas which can be seeded between May 1 and September 15 should be prepared and seeded during that period.
4. Disturbed areas which cannot be seeded between May 1 and September 15 should be mulched with hay, straw or some other suitable material to keep them as stable as possible over the winter, and particularly during spring runoff the following year. For over-wintering, mulch must be tacked down, as it is easily blown around on frozen ground, leaving areas of soil exposed. Mulch hay should be applied at a depth of 4 inches, or between 150 to 200 lbs. per 1000 square feet, over the disturbed site. Mulched over-wintered areas should be prepared and seeded the following spring as soon as conditions allow.

It is not recommended that disturbed areas be seeded after September 15th ("dormant seeding") for a number of reasons. Among the reasons, seeding rates are doubled, which is more expensive; timing is critical to ensure that germination does not occur before the following spring; there is an increased risk of sedimentation because sites are generally wetter in the fall; the thicker mulch must be removed in the spring in order to allow the germinating seed to survive; and the application of fertilizer during this time increases the risk of leaching or runoff loss of nutrients into water bodies.

5. Seeding preparation, in addition to providing a soil medium that will support vegetative growth if the site is sterile, includes the application of lime and fertilizer, which should be lightly raked prior to seeding. After the area is seeded, it should be lightly watered and then mulched with 70 to 90 lbs. (2 standard bales) per 1,000 square feet of weed free hay or straw to protect the seed. Keep the site stable and moist, and allow the seed to germinate and grow.
6. For accurate liming as well as fertilization, it is recommended that you have the soil analyzed to determine the specific nutrient requirements of your site.

Lime should be applied at a rate of approximately 140 pounds to 1000 square feet of area. This rate may vary depending on the natural conditions of the soil on the site. 10-5-20 fertilizer should be applied at a rate of 18.5 lbs. per 1000 square feet of area. Following the establishment of vegetation, non-phosphorous fertilizer should be used in accordance with the Department of Environmental Protection's recommendations.

7. In shoreland areas in particular, fertilizers should be of the "quick release" low phosphorus type, such as 12-4-8 mixtures applied at a rate of 8 pounds per 1000 square feet of area. If you are near water bodies, it is important not to apply more than approximately this amount of fertilizer, as excess may be washed into streams or lakes and contribute to lowering water quality and such things as algae blooms in lakes.

Following the establishment of vegetation, non-phosphorous fertilizer should be used in accordance with the Department of Environmental Protection's recommendations.

Fertilizers should never be applied right before thunder storms or before spring runoff, because the great amounts of water running over the land will wash the fertilizer, particularly phosphorus, into water bodies. However, a light watering after the fertilizer is applied will help bind the phosphorus to the soil.

8. There are many combinations of grasses that can be used. One combination particularly good for providing soil stability, generally referred to as the Soil Conservation Mixture, consists of: (Proportions, by weight)

Creeping Red Fescue..... 35%
Kentucky Bluegrass..... 25%
Annual Rye Grass..... 15%
Perennial Rye Grass..... 10%
Red Top..... 10%
White Dutch Clover..... 5%

* Oats - See Below

This seed would be applied at a rate of 1 pound per 1000 square feet. These particular grasses do best if mowed no closer than 2-1/2 to 3 inches from the ground. Of course, other seed mixtures are available.

It is important, in choosing a mixture, to choose one suitable for the site being stabilized. There are many different types of seeding mixtures designed for particular site conditions such as shade, sun, and drainage. Any mix should contain some seed which germinates rapidly to provide the quickest stabilization possible while awaiting the germination of the remaining types.

- (*) For quick germination, oats are very good. They germinate in 7 to 10 days. They should be planted at a rate of approximately 1 to 1-1/2 bushels per acre, in addition to the basic grass mixture. Oats should be mowed when they reach knee height to allow the germinating grasses to receive sunlight.

Alternatives:

As indicated above, other stabilization programs may be used, provided they are equivalently effective in stabilizing disturbed areas and preventing accelerated soil erosion and sedimentation of water bodies. Further assistance may be obtained, including in some cases site-specific recommendations, as follows:

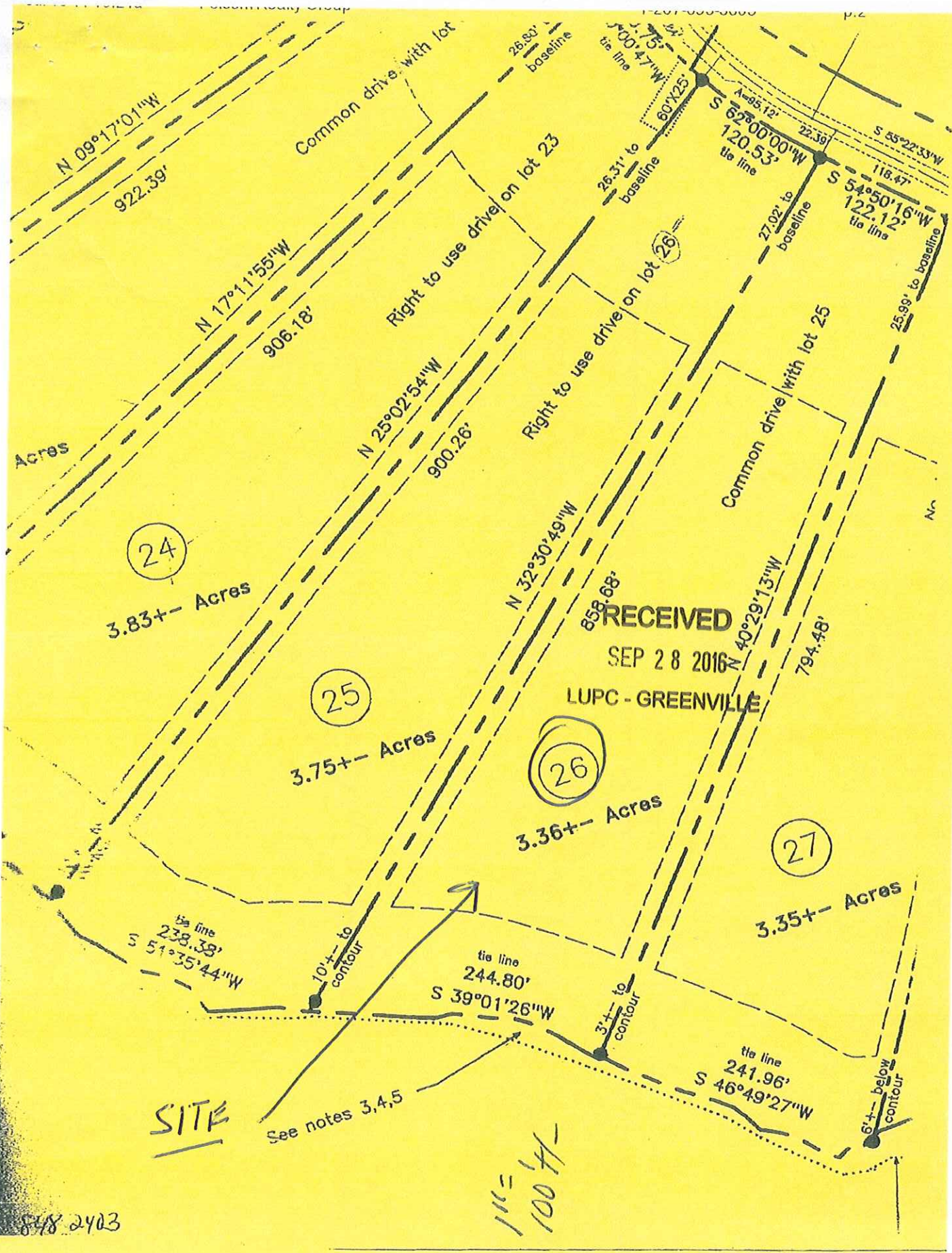
Local Soil and Water Conservation Districts
The USDA Natural Resource Conservation Service
Maine Department of Environmental Protection, Lakes Program
Landscaping Professionals
Reputable Lawn and Garden Supply Dealers

The following documents may provide valuable assistance to those developing a soil stabilization plan:

Maine Erosion and Sediment Control Handbook for Construction: Best Management Practices (Cumberland County Soil & Water Conservation District and Maine Department of Environmental Protection, 1991)

Strategy for Managing Nonpoint Source Pollution From Agricultural Sources and Best Management Guidelines (NPS Agricultural Task Force, 1991)

Erosion and Sediment Control Handbook for Maine Timber Harvesting Operations, Best Management Practices (Maine Forest Service, 1991)



N 09°17'01"W
922.39'

Common drive with lot

N 17°11'55"W
906.18'

Right to use drive on lot 23

N 25°02'54"W
900.26'

Right to use drive on lot 26

N 32°30'49"W
858.68'

Common drive with lot 25

N 40°29'13"W
794.48'

24

3.83+/- Acres

25

3.75+/- Acres

26

3.36+/- Acres

27

3.35+/- Acres

tie line
238.38'
S 51°35'44"W

10' to
contour

tie line
244.80'
S 39°01'26"W

3' to
contour

tie line
241.96'
S 46°49'27"W

6' below
contour

SITE

See notes 3,4,5

1" = 100'

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LUPC - GREENVILLE

848 2403



Parcel number	Town/Geocode	Town Code	Plan	Lot	Zones Intersected	LUPC Region	Contact number
1	Tomhegan Twp/25857	SO037	01	7.17	d-rs, p-fw, p-gp, p-gprp, p-rp, p-sl2, p-wl1, p-wl1rp, p-wl2, p-wl2rp, p-wl3, p-wl3rp	GREENVILLE	(207) 695-2466